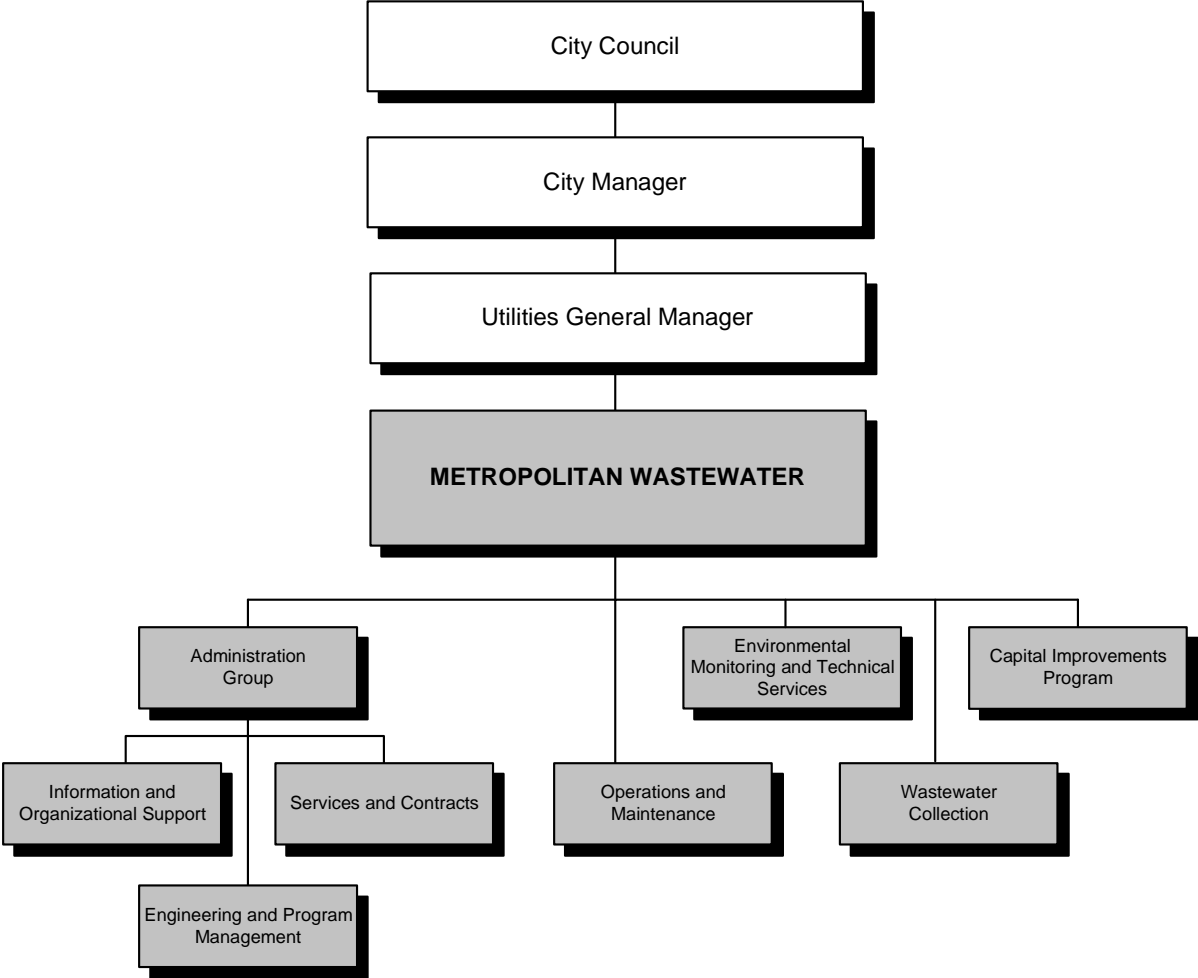


Metropolitan Wastewater



To provide the public with a safe and efficient regional sewerage system that protects our ocean water quality, supplements our limited water supply and meets federal standards, at the lowest possible cost.

Metropolitan Wastewater



Metropolitan Wastewater

Department Description

The City of San Diego's Metropolitan Wastewater Department (MWWD) provides regional wastewater treatment and disposal services for approximately two million people living and working in 16 local cities and districts. This 450 square mile area is defined by Del Mar to the north, Alpine and Lakeside to the east, and our communities bordering Mexico to the south. MWWD manages all of the resources needed to operate and maintain the Metropolitan Sewerage System and provides for appropriate new infrastructure capacity to accommodate regional growth and economic vitality while protecting water quality and the environment. The department is also responsible for operating and monitoring the approximately 3,000 mile Municipal Sewerage Collection System for the City of San Diego.

Milestones Met/Services Provided

MWWD has made significant strides towards meeting the Mayor's Goal #4: *clean up our beaches and bays*, and Goal #9: *pursue energy independence*. Sewer spills were reduced from 342 in Fiscal Year 2000 to 316 in Fiscal Year 2001. The nation's first Flow Monitoring Alarm System has been in operation since September 2000, allowing the department to monitor wastewater flow conditions in major sewer lines to enhance the ability to detect sewer overflow or potential spills. In addition, the Centralized Operations Management Network (COMNET) provides the ability to monitor and control sewage flows in the greater San Diego Metropolitan Sewerage Network from a central control and information center, further promoting greater responsiveness and reliability of the sewerage system. In support of the Mayor's Goal #9: *pursue energy independence*, the Point Loma Wastewater Treatment Plant, the North City Water Reclamation Plant, and the Metro Biosolids Center all utilize co-generation facilities, converting methane gas into electrical and thermal energy, saving ratepayers millions of dollars

while reducing power consumption. A hydroelectric power generation facility is also in operation at the Point Loma Plant. Additionally, MWWD is a participant in San Diego Gas and Electric's Rolling Blackout Reduction Program. In case of a power outage, certain facilities and sewer pump station electric loads are transferred remotely to their respective emergency generators.

Future Outlook

Through 2000, the emphasis had been on the maintenance, repair, upgrade and expansion of the Metropolitan System (treatment plants and outfalls). As the department neared the completion of these major upgrades, the emphasis shifted to the Municipal System, which consists of nearly 3,000 miles of pipeline and 83 pump stations. Based on the recommendations contained in an optimization study, MWWD developed what is referred to as the "Accelerated Program," with the goal of reducing sewer spills from 10.3 to 6.6 spills per 100 miles of sewer by the end of Fiscal Year 2007. The Accelerated Program includes ramping up the rehabilitation and replacement of deteriorated pipelines from the current 15 to 20 miles per year to 60 miles per year and addresses operations, maintenance, and capital improvement needs. The program also includes accelerated cleaning of the entire sewer system by 2004. Continuing the commitment to reduce power consumption, conserve natural resources, and pass along savings to ratepayers, a 10 year Strategic Business Plan has been developed. This integrated projection of business goals and objectives covers all aspects of infrastructure planning, financing, operations and maintenance, customer service, and employee team building to provide the most highly effective wastewater services possible. Future efforts also include continued collaboration with the City Water Department in developing opportunities for maximizing the beneficial reuse of reclaimed water as well as the ongoing partnership between San Diego and Tijuana, Mexico to enhance treatment of the region's wastewater and to protect the environment.

Significant Budget Adjustments

MUNICIPAL SEWER FUND

Wastewater Collection - Muni	Positions	Cost
Personnel Expense Adjustments Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00	\$ 362,674
Staffing and Support for Accelerated Sewer Main Cleaning Program Addition of staffing and support needed to maintain a complete cleaning regimen for the entire municipal pipeline system. Additions were approved in Fiscal Year 2002 by City Council Resolution R-295692, Ordinance #18992. Positions will be filled on a limited basis.	67.00	\$ 5,556,463
Support for Optimization Initiative Addition of engineering and consultant services to assist the department in optimizing its efforts in the cleaning and construction of sewer mains, as mandated by the Environmental Protection Agency.	0.00	\$ 4,000,000
Staffing and Support for Accelerated Sewer Main Replacement Program Addition of two new Main Replacement Crews and one new Asphalt/Concrete Crew, needed for large main replacement to prevent future sewage spills.	16.00	\$ 1,917,666
Non-Discretionary Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00	\$ 1,101,381
Support for Flow Metering Program Provides for meter acquisition for prevention metering.	0.00	\$ 592,016

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Wastewater Collection - Muni (continued)	Positions	Cost
Staffing and Support for Interceptor System and Wet Wells	4.00 \$	533,919
Addition of 2.00 Equipment Technician I, 1.00 Equipment Technician II, and 1.00 Equipment Operator I, to perform regular cleaning, inspection, and maintenance of 30 interceptor diversion structures and nine interceptor wet wells, all of which are currently under construction.		
Staffing and Support for the FEWD Permitting Program	5.00 \$	369,472
Addition of 4.00 Senior Engineering Aides and 1.00 Principal Engineering Aide to perform additional permit inspections for the Food Establishment Wastewater Discharge (FEWD) Permitting Program. Initiation of new permit fees will be proposed to offset additional cost.		
Staffing and Support for Sewer Pump Station Repair and Maintenance	1.00 \$	171,185
Addition of 1.00 Equipment Technician I to reduce overtime expenditures at Pump Stations. Also provides for the acquisition of replacement pumps to improve efficiency.		
Transfer of Staffing from CIP to Administrative Support	1.00 \$	57,969
Transfer #1: Transfer of 1.00 Administrative Aide II from CIP/Muni Construction to Administrative Support, Wastewater Collection Division. This is a net zero change within the department (see Transfer #10).		
Reduction of Onetime Expenditures	0.00 \$	(314,160)
Reduction of data processing and automated support.		

Significant Budget Adjustments (continued)

Environ Mon & Tech Services - Muni	Positions	Cost
Personnel Expense Adjustments	0.00 \$	130,978
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Non-Discretionary	0.00 \$	8,669
Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.		
Reduction of Onetime Expenditures	0.00 \$	(92,500)
Reduction of data processing and automated support.		
Budgetary Savings Plan	0.00 \$	(136,005)
Reduction is due to efficiency achieved within the department.		
Operations & Maintenance - Muni	Positions	Cost
Personnel Expense Adjustments	0.00 \$	97,824
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Non-Discretionary	0.00 \$	240,856
Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.		
Transfer of Staffing from Central Support Facility to Pump Station 64	1.00 \$	73,981
Transfer #2: Transfer of 1.00 Plant Technician Supervisor from Central Support Facility to Pump Station 64, Operations and Maintenance Division. This is a net zero change within the department (see Transfer #15).		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Operations & Maintenance - Muni (continued)	Positions	Cost
Reduction of Support for South Bay Water Reclamation Plant	0.00 \$	(27,300)
Reduction of support for South Bay Water Reclamation Plant startup.		
Transfer of Staffing from Pump Stations 64 and 65 to Pump Station 2	(1.00) \$	(64,528)
Transfer #3: Transfer of 1.00 Plant Technician III from Pump Stations 64 and 65 to Pump Station 2. This is a net zero change within the department (see Transfer #13).		
Budgetary Savings Plan	0.00 \$	(96,915)
Reduction is due to efficiency achieved within the department.		
Transfer of Staffing from San Pasqual to North City	(2.00) \$	(128,293)
Transfer #4: Transfer of 1.00 Plant Technician Supervisor and 1.00 Plant Technician I from the San Pasqual Water Reclamation Plant to the North City Water Reclamation Plant. This is a net zero change within the department (see Transfer #12).		
Transfer of Staffing from San Pasqual	(6.00) \$	(473,982)
Transfer #5: Transfer of 6.00 Water Utility Supervisor from the San Pasqual Water Reclamation Plant to Resource Development and the Central Operations Management Center (COMC). This is a net zero change within the department (see Transfer #11).		
Reduction of Staffing and Support for San Pasqual	(3.00) \$	(821,466)
Reduction of 1.00 Plant Technician I, 1.00 Plant Technician II, and 1.00 Plant Technician III from the San Pasqual Water Reclamation Plant, due to suspension of activity at the plant.		

Significant Budget Adjustments (continued)

Administration - Muni	Positions	Cost
Personnel Expense Adjustments	0.00 \$	157,346
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Transfer of Debt Service	0.00 \$	11,652,880
Transfer #6: Reallocation of debt service payment from the Metropolitan Sewer Fund to the Municipal Sewer Fund within the Services and Contracts, Administration Division. This is a net zero change within the department (see Transfer #20).		
45 Day Operating Reserve	0.00 \$	1,958,551
Addition of support for the department's contingency needs.		
Transfer of Staffing and Support for COMNET to IOS	1.20 \$	1,046,309
Transfer #7: Transfer of staffing and support for the Clean Water Operations Management Network (COMNET) from the Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Division. This is a net zero change within the department (see Transfer #16 and Transfer #17).		
Staffing and Support for Engineering & Program Management	1.20 \$	473,950
Additional staffing and support, including .30 Assistant Civil Engineer, .30 Assistant Mechanical Engineer, and .60 Associate Civil Engineer, for replacement of services previously provided by consultants, including environmental mitigation, engineering and design, hydraulic modeling, municipal collection, system planning, and corrosion control projects.		
Support for MOC Facility Maintenance and Improvements	0.00 \$	169,140
Additional support for maintenance and improvements at the Metropolitan Operations Center (MOC), including equipment, supplies, and contractual services.		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Administration - Muni (continued)	Positions	Cost
Non-Discretionary Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	150,809
Staffing and Support for Citywide GIS Project Information Tracking System Addition of .30 Assistant Civil Engineer and support for ongoing development and enhancement of the City's Geographic Information System (GIS).	0.30 \$	61,080
Support for the City's Community Service Center Program Provides for MWWD's contribution to the City's Community Service Centers, which provide extensive and personalized customer service support for Water and Sewer billing issues.	0.00 \$	60,000
Staffing and Support for the Health, Safety, and Training Program Addition of .30 Safety Representative II and support for the Health, Safety, and Training Program, needed to provide construction safety support.	0.30 \$	48,056
Support for Information System Management and Administration Additional hardware, software, and other non-personnel support provides for improved communication between the City Emergency Center and the Department Operation Center.	0.00 \$	24,240
Transfer of Staffing and Support for ISO Coordination to IOS Transfer #8: Transfer of .30 Building Supervisor, support, and contractual expense for International Standardization Organization (ISO) Coordination from Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Group. This is a net zero transfer (see Transfer # 14 and Transfer #18).	0.30 \$	18,089

Significant Budget Adjustments (continued)

Administration - Muni (continued)	Positions	Cost
Transfer of Support for Department Safety Fair	0.00 \$	7,500
Transfer #9: Transfer of support for Department Safety Fair from the Metropolitan Sewer Fund to the Municipal Sewer Fund within Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #19).		
Reduction of Onetime Expenditures	0.00 \$	(263,993)
Reduction of data processing and automated support.		
Debt Service Adjustment	0.00 \$	(315,619)
Adjustment to reflect department debt service requirements associated with bond issuance.		
Budgetary Savings Plan	0.00 \$	(2,110,717)
Reduction is due to efficiency achieved within the department.		
CIP/Muni Construction	Positions	Cost
Personnel Expense Adjustments	0.00 \$	39,306
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Support for Capital Improvements Program	0.00 \$	34,515,486
Addition of support for the department's Capital Improvements Program.		
Transfer of Staffing from CIP to Administrative Support	(1.00) \$	(57,969)
Transfer #10: Transfer of 1.00 Administrative Aide II from CIP/Muni Construction to Administrative Support, Wastewater Collection Division. This is a net zero change within the department (see Transfer #1).		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

METROPOLITAN SEWER FUND

Operations & Maintenance - Metro	Positions	Cost
Personnel Expense Adjustments Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	760,660
Transfer of Staffing from San Pasqual Transfer #11: Transfer of 6.00 Water Utility Supervisor from the San Pasqual Water Reclamation Plant to Resource Development and COMC Operations. This is a net zero change within the department (see Transfer #5).	6.00 \$	473,982
Transfer of Staffing from San Pasqual to North City Transfer #12: Transfer of 1.00 Plant Technician Supervisor and 1.00 Plant Technician I from the San Pasqual Water Reclamation Plant to the North City Water Reclamation Plant. This is a net zero change within the department (see Transfer #4).	2.00 \$	128,293
Transfer of Staffing from Pump Stations 64 and 65 to Pump Station 2 Transfer #13: Transfer of 1.00 Plant Technician III from Pump Stations 64 and 65 to Pump Station 2. This is a net zero change within the department (see Transfer #3).	1.00 \$	64,528
Transfer of Staffing and Support for ISO Coordination to IOS Transfer #14: Transfer of 1.00 Building Supervisor, support, and contractual expense for International Standardization Organization (ISO) Coordination from Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #8 and Transfer #18).	(1.00) \$	(60,291)

Significant Budget Adjustments (continued)

Operations & Maintenance - Metro (continued)	Positions	Cost
Transfer of Staffing from Central Support Facility to Pump Station 64	(1.00) \$	(73,981)
Transfer #15: Transfer of 1.00 Plant Technician Supervisor from Central Support Facility to Pump Station 64, Operations and Maintenance Division. This is a net zero change within the department (see Transfer #2).		
Reduction of COMNET Staffing	(1.00) \$	(98,783)
Reduction of 1.00 Senior Wastewater Plant Operator from COMNET operations.		
Reduction of Staffing and Support for San Pasqual	(2.00) \$	(157,994)
Reduction of 2.00 Senior Wastewater Plant Operators from the San Pasqual Water Reclamation Plant, due to suspension of activity at the plant.		
Reduction of Staffing for North City Water Reclamation Plant	(3.00) \$	(251,681)
Reduction of 1.00 Senior Wastewater Operations Supervisor, 1.00 Wastewater Operations Supervisor, and 1.00 Wastewater Plant Operator from the North City Water Reclamation Plant, to improve the Bid to Goal performance and cost efficiency of this plant.		
Reduction of Staffing for Central Support Facilities Maintenance	(3.00) \$	(259,533)
Reduction of 1.00 Plant Technician I, 1.00 Senior Wastewater Operations Supervisor, and 1.00 Wastewater Treatment Superintendent from the Metro Operations Center Central Support Facility, to reach Bid to Goal objectives.		
Budgetary Savings Plan	0.00 \$	(335,339)
Reduction is due to efficiency achieved within the department.		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Operations & Maintenance - Metro (continued)	Positions	Cost
Reduction of Staffing and Support for South Bay Water Reclamation Plant Reduction of 1.00 Instrumentation and Control Technician and 2.00 Plant Technician II for South Bay Water Reclamation Plant startup.	(3.00) \$	(766,268)
Non-Discretionary Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(1,899,535)
Transfer of Staffing and Support for COMNET to IOS Transfer #16: Transfer 1.00 Senior Electrical Engineer, 2.00 Information Systems Analyst IV, and 1.00 Clerical Assistant II from the COMNET communications center in the Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #7 and Transfer #17).	(4.00) \$	(3,487,689)
Environ Mon & Tech Services - Metro	Positions	Cost
Personnel Expense Adjustments Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.	0.00 \$	401,029
Funding for Operation, Maintenance, and Support for Wastewater Chemistry and Biology Lab Provides for replacement of the ocean monitoring vessel "Monitor," continued participation in collaborative alliances with other wastewater agencies related to regulatory issues, and funding for Scripps scientists for studies related to the disposal of effluent at the Point Loma Wastewater Treatment Plant.	0.00 \$	1,018,000

Significant Budget Adjustments (continued)

Environ Mon & Tech Services - Metro (continued)	Positions	Cost
Rent Increase	0.00 \$	52,705
Provides for MWWD portion of the rent increase for Alvarado Laboratory, a facility shared with the Water Department.		
Non-Discretionary	0.00 \$	14,589
Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.		
Budgetary Savings Plan	0.00 \$	(110,455)
Reduction is due to efficiency achieved within the department.		
Reduction of Onetime Expenditures	0.00 \$	(209,700)
Reduction of data processing and automated support.		
Administration - Metro	Positions	Cost
Personnel Expense Adjustments	0.00 \$	322,944
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Transfer of Staffing and Support for COMNET to IOS	2.80 \$	2,441,380
Transfer #17: Transfer of staffing and support for the COMNET communications center from the Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #7 and Transfer #16).		
45 Day Operating Reserve	0.00 \$	1,301,884
Addition of support for the department's contingency needs.		

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Administration - Metro (continued)	Positions	Cost
Staffing and Support for Engineering & Program Management Additional staffing and support, including .70 Assistant Civil Engineer, .70 Assistant Mechanical Engineer, and 1.40 Associate Civil Engineer, for replacement of services previously provided by consultants, including environmental mitigation, engineering and design, hydraulic modeling, municipal collection, system planning, and corrosion control projects.	2.80 \$	1,105,883
Non-Discretionary Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	403,655
Support for MOC Facility Maintenance and Improvements Additional support for maintenance and improvements at the Metropolitan Operations Center (MOC), including equipment, supplies, and contractual services.	0.00 \$	394,660
Support for Flow Metering Program Provides for increased contract maintenance cost for municipal transportation, Participating Agency flow, and spill prevention metering.	0.00 \$	162,788
Staffing and Support for Citywide GIS Project Information Tracking System Addition of .70 Assistant Civil Engineer to support ongoing development and enhancement of the City's Geographic Information System (GIS).	0.70 \$	142,518
Support for the City's Community Service Center Program Provides for MWWD's contribution to the City's Community Service Centers, which provide extensive and personalized customer service support for Water and Sewer billing issues.	0.00 \$	140,000

Significant Budget Adjustments (continued)

Administration - Metro (continued)	Positions	Cost
Staffing and Support for the Health, Safety, and Training Program Addition of .70 Safety Representative II and support for the Health, Safety, and Training Program, needed to provide construction safety support. The department will realize savings from the use of City staff in place of a consultant.	0.70 \$	112,129
Support for Information System Management and Administration Additional hardware, software, and other non-personnel support to provide for communication between the City Emergency Center and the Department Operation Center.	0.00 \$	56,560
Transfer of Staffing and Support for ISO Coordination to IOS Transfer #18: Transfer of 0.70 Building Supervisor, support, and contractual expense for International Standardization Organization (ISO) Coordination from the Operations and Maintenance Division to Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #8 and Transfer #14).	0.70 \$	42,202
Transfer of Support for Department Safety Fair Transfer #19: Transfer of support for Department Safety Fair from the Metropolitan Sewer Fund to the Municipal Sewer Fund within Information and Organizational Support (IOS), Administration Group. This is a net zero change within the department (see Transfer #9).	0.00 \$	(7,500)
Debt Service Adjustment Adjustment to reflect department debt service requirements associated with bond issuance.	0.00 \$	(736,444)
Reduction of Onetime Expenditures Reduction of data processing and automated support.	0.00 \$	(843,485)
Budgetary Savings Plan Reduction is due to efficiency achieved within the department.	0.00 \$	(1,653,391)

Metropolitan Wastewater

Significant Budget Adjustments (continued)

Administration - Metro (continued)	Positions	Cost
Transfer of Debt Service	0.00 \$	(11,652,880)
Transfer #20: Reallocation of debt service payment from the Metropolitan Sewer Fund to the Municipal Sewer Fund within the Services and Contracts, Administration Group. This is a net zero change within the department (see Transfer #6).		
CIP/Metro Construction	Positions	Cost
Support for Capital Improvements Program	0.00 \$	4,352,262
Addition of support for the department's Capital Improvements Program.		
Non-Discretionary	0.00 \$	(6,773)
Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.		
CIP/Metro New Construction	Positions	Cost
Personnel Expense Adjustments	0.00 \$	88,500
Adjustments to reflect the annualization of the Fiscal Year 2002 negotiated salary compensation schedule, average salaries, fringe benefits and other personnel expense adjustments.		
Support for Capital Improvements Program	0.00 \$	13,551,249
Addition of support for the department's Capital Improvements Program.		
Non-Discretionary	0.00 \$	(207,697)
Adjustments to reflect expenses that are determined outside of the department's direct control. Examples of these adjustments include utilities, insurance, and rent.		

Metropolitan Wastewater

Metropolitan Wastewater			
	FY 2001 ACTUAL	FY 2002 BUDGET	FY 2003 PROPOSED
Positions	922.08	974.72	1,058.72
Personnel Expense	\$ 56,645,283	\$ 66,076,197	\$ 72,593,984
Non-Personnel Expense	340,013,991	343,517,661	403,707,269
TOTAL	\$ 396,659,274	\$ 409,593,858	\$ 476,301,253

Department Staffing	FY 2001 ACTUAL	FY 2002 BUDGET	FY 2003 PROPOSED
MUNICIPAL SEWER FUND			
Wastewater Collection ⁽¹⁾	238.00	249.00	343.00
Environmental Monitoring and Technical Services - Muni	52.00	52.00	52.00
Operations and Maintenance - Muni	30.00	28.00	17.00
Administration - Muni ⁽²⁾	8.58	58.83	62.13
CIP/Muni Construction	0.00	16.00	15.00
Total	328.58	403.83	489.13
METROPOLITAN SEWER FUND			
Operations and Maintenance - Metro	313.50	319.00	310.00
Environmental Monitoring and Technical Services - Metro	106.00	106.00	106.00
Administration - Metro ⁽²⁾	129.00	121.89	129.59
CIP/Metro New Construction	45.00	24.00	24.00
Total	593.50	570.89	569.59
TOTAL SEWER FUNDS			
Total Operating	877.08	934.72	1,019.72
Total Capital Improvements Program	45.00	40.00	39.00
Total	922.08	974.72	1,058.72

⁽¹⁾ Fiscal Year 2003 staffing includes the midyear City Council approved addition of 67.00 positions for sewer main cleaning.

⁽²⁾ Includes the Information and Organizational Support, Engineering and Program Management, and Services and Contracts Divisions.

Metropolitan Wastewater

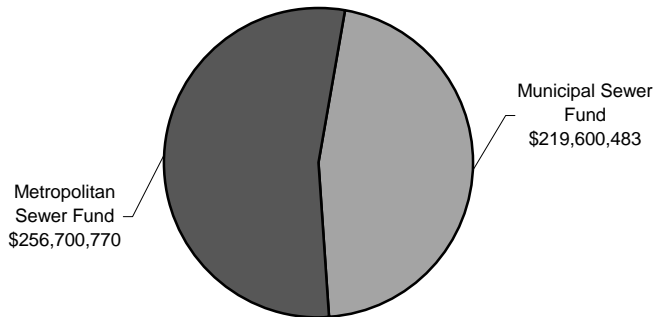
Department Expenditures	FY 2001 ACTUAL	FY 2002 BUDGET	FY 2003 PROPOSED
MUNICIPAL SEWER FUND			
Wastewater Collection ⁽¹⁾	\$ 38,378,638	\$ 36,103,121	\$ 50,451,706
Environmental Monitoring and Technical Services - Muni	4,730,366	5,435,299	5,346,441
Operations and Maintenance - Muni	7,478,770	7,410,506	6,210,683
Administration - Muni ⁽²⁾	36,018,336	52,314,666	65,842,307
CIP/Muni Construction	58,867,093	57,252,523	91,749,346
Total	\$ 145,473,203	\$ 158,516,115	\$ 219,600,483
METROPOLITAN SEWER FUND			
Operations and Maintenance - Metro	\$ 68,388,741	\$ 75,512,515	\$ 69,548,884
Environmental Monitoring and Technical Services - Metro	11,379,124	12,410,730	13,576,898
Administration - Metro ⁽²⁾	84,247,972	106,694,218	99,337,167
CIP/Metro Construction	24,443,928	6,681,105	11,026,594
CIP/Metro New Construction	62,726,307	49,779,175	63,211,227
Total	\$ 251,186,071	\$ 251,077,743	\$ 256,700,770
TOTAL SEWER FUNDS			
Total Operating	\$ 250,621,946	\$ 295,881,055	\$ 310,314,086
Total Capital Improvements Program	146,037,328	113,712,803	165,987,167
Total	\$ 396,659,274	\$ 409,593,858	\$ 476,301,253

⁽¹⁾ Fiscal Year 2003 expenditures include the mid-year City Council approved addition of 67.00 positions for sewer main cleaning.

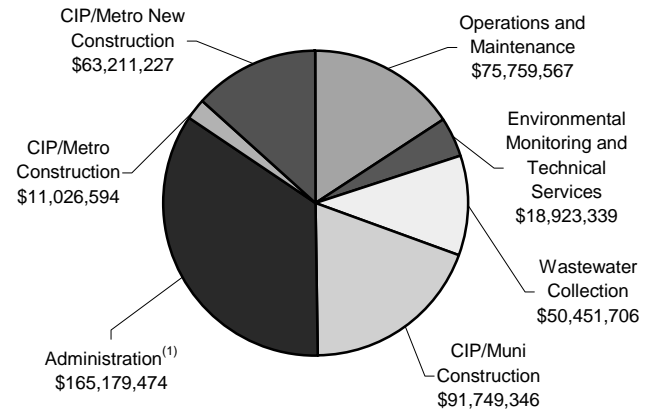
⁽²⁾ Includes the Information and Organizational Support, Engineering and Program Management, and Services and Contracts Divisions.

Metropolitan Wastewater

Source of Funding



Allocation of Funding



⁽¹⁾ \$106,782,873 of this total includes \$77,045,937 for debt service, \$25,441,400 in contingency reserves, and \$4,295,536 for the unallocated reserve.

Budget Dollars at Work

2,800+ Miles of municipal sewer system mains in service
 21.50 Miles of sludge disposal lines in service
 73,000+ Million gallons per year in total metropolitan sewage flow treated
 9.00 Miles of ocean outfall line in service
 83 Sewer pump stations in service

Metropolitan Wastewater

Key Performance Measures

	FY 2001 Actual	FY 2002 Budget	FY 2003 Proposed
Average cost per wastewater sample analyzed by the Wastewater Chemistry Laboratory	\$11.63	\$13.82	\$13.77
Engineering and Program Management Division cost per Sewer CIP project supported ⁽¹⁾	\$96,974	\$174,998	\$152,131
Unit cost for combined Metropolitan Biosolids Center activities per dry ton of biosolids processed and beneficially reused ⁽²⁾	\$325	\$297	\$295
Unit cost for combined Point Loma Wastewater Treatment Plant activities per million gallons of sewage treated	\$200	\$179	\$183
Average cost per mile of sewer main cleaned	\$3,879	\$4,119	\$5,494
Average cost per foot of sewer main repaired/replaced/installed ⁽³⁾	\$3,362	\$390	\$508
Average cost per food establishment inspected ⁽⁴⁾	\$213	\$233	\$302

⁽¹⁾ Increase in cost per project supported between Fiscal Year 2001 and Fiscal Year 2002 is due to a decrease in the number of CIP projects supported, and an increase in the budget for these activities related to onetime expenses for vehicles and environmental mitigation.

⁽²⁾ Decrease in unit cost from Fiscal Year 2001 to Fiscal Year 2002, is related to onetime expenses incurred in Fiscal Year 2001 from the closing of the old biosolids operation at Fiesta Island.

⁽³⁾ Decrease in cost per foot from Fiscal Year 2001 to Fiscal Year 2002 is attributable to the decrease in number of sewer construction projects. The increase from Fiscal Year 2002 to Fiscal Year 2003 reflects the first year of equipment outlay associated with 16.00 new positions.

⁽⁴⁾ Increase in Fiscal Year 2003 average cost reflects the first year of equipment outlay associated with 5.00 new positions.

Division/Major Program Descriptions

Administration

Information and Organizational Support

The Information and Organizational Support Division manages programs designed to facilitate the department's mission statement. Such programs are focused on strategic planning, developing employee/organizational resources, implementing an environmental management system, fostering safe work environments and enabling the most appropriate technical solutions. Strategic Planning channels departmental efforts toward continuous improvement of effective and efficient business practices. Employee/Organizational Resources provides personnel/management guidance and career development, and administers the department's health/medical program. Environmental Management Systems maintains the established ISO 14001 Certification and works to expand the Program department-wide. Safety and Training coordinates training and provides safety oversight to foster a safe and productive work environment. Technology Services manages the design, implementation and support of reliable technologies in a seamless, consistent manner.

Engineering and Program Management

The Engineering and Program Management Division administers and implements the Metropolitan and Municipal Wastewater Plans, which entails the planning, design, and construction of high quality, cost-effective and environmentally sound wastewater treatment and collection systems. Additionally, this section provides planning and predesign of trunk sewers and pump stations, analysis of spill data, coordination of sewer main televising, and implementation assistance with the accelerated spill reduction and competitiveness implementation plan.

Services and Contracts

The Services and Contracts Division maintains sewage flow monitoring and provides data analysis in order to prepare reasonable and accurate flow reports for the City of San Diego, Participating Agencies, and municipal commercial customers. The division also administers department budgets, grant development, contract management, and MWWD's Equal Opportunity Contracting Program.

Operations and Maintenance

The Operations and Maintenance Division is responsible for the operation and maintenance of all wastewater treatment facilities including, treatment and water reclamation facilities, major pump stations, and biosolids processing. The division is the first publicly owned wastewater treatment operation in the nation to receive ISO 14001 Certification from the International Organization for Standardization in Geneva, Switzerland. ISO Certification provides structure for an environmental management system that ensures MWWD's operation processes are environmentally safe and effective.

Metropolitan Wastewater

Division/Major Program Descriptions (continued)

Environmental Monitoring and Technical Services

The Environmental Monitoring and Technical Services Division (EM&TS) carries out several crucial programs in support of the treatment and disposal of wastewater. These include the Industrial Wastewater Control Program that regulates industrial discharges to the sewers, thereby preventing toxic substances from passing into the ocean, interfering with treatment processes, or contaminating the biosolids that result from treatment processes. Additionally, EM&TS operates a comprehensive ocean monitoring program to evaluate the effects of discharge into the Pacific Ocean from the City's wastewater treatment plant at Point Loma. It provides laboratory testing for process control and regulatory reporting purposes, and it ensures compliance with all regulatory permits and oversees actions necessary to maintain the modified permit for Point Loma.

Wastewater Collection

As a vital component of MWWD, the Wastewater Collection Division provides the ongoing preventive cleaning and maintenance of the municipal collection system, including emergency removal of sewer line stoppages, overhaul and repair of pumps, on-site facility inspections, and maintaining the structural integrity of sewer mains and manholes in the collection system. Additionally, the construction section of this division performs repair and replacement of sewer laterals in the public right-of-way areas. The division also administers the Food Establishment Wastewater Discharge (FEWD) permitting program, which is responsible for the permitting and compliance monitoring of food establishments to minimize the discharge of grease into the wastewater collection system.

Capital Improvements Program

MWWD's Capital Improvements Program provides design and construction for treatment plants, pump stations, system upgrades, plant expansion, pipelines and other facilities and conducts special studies designed to maintain the efficiency of the municipal sewerage system. Design work is accomplished in-house or is contracted to private engineering firms. This program provides for the replacement and expansion of all wastewater collection system components by City forces and contractors.

Metropolitan Wastewater

Salary Schedule

MUNICIPAL SEWER FUND

Wastewater Collection - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	44,540	44,540
1105	Administrative Aide I	1.00	1.00	52,636	52,636
1106	Senior Management Analyst	2.00	2.00	82,619	165,238
1107	Administrative Aide II	1.00	2.00	57,969	115,938
1153	Assistant Engineer-Civil	5.00	6.00	77,335	464,010
1218	Associate Management Analyst	2.00	2.00	73,969	147,938
1221	Associate Engineer-Civil	2.00	3.00	89,748	269,244
1227	Associate Planner	0.00	1.00	71,216	71,216
1293	Cement Finisher	0.00	1.00	62,156	62,156
1376	Wastewtr Pretreatment Insp III	1.00	1.00	78,282	78,282
1423	Senior Drafting Aide	1.00	1.00	59,093	59,093
1436	Equipment Technician I	15.50	18.50	50,677	937,529
1438	Equipment Technician II	10.50	11.50	56,301	647,459
1439	Equipment Operator I	28.00	40.00	53,888	2,155,520
1440	Equipment Operator II	4.00	10.00	59,009	590,092
1441	Equipment Technician III	1.00	1.00	61,913	61,913
1445	Equipment Operator III	1.00	2.00	61,715	123,429
1467	Grounds Maintenance Worker I	1.00	1.00	38,146	38,146
1468	Grounds Maintenance Worker II	1.00	1.00	43,821	43,821
1488	General Water Utility Supv	3.00	3.00	77,862	233,587
1513	Heavy Truck Driver I	2.00	2.00	51,350	102,699
1535	Clerical Assistant II	2.00	2.00	41,622	83,244
1555	Junior Engineering Aide	1.00	1.00	65,899	65,899
1579	Laborer	2.00	2.00	40,521	81,042
1624	Biologist II	0.00	1.00	73,064	73,064
1648	Payroll Specialist II	2.00	2.00	49,106	98,212
1666	Plant Process Ctrl Electrician	8.00	8.00	69,808	558,464
1668	Plant Process Control Supv	1.00	6.00	78,586	471,516
1727	Principal Engineering Aide	5.00	6.00	67,973	407,838
1734	Principal Water Utility Supv	0.00	1.00	74,182	74,182
1746	Word Processing Operator	2.00	2.00	42,955	85,910
1777	Public Information Officer	0.00	1.00	56,322	56,322
1855	Senior Civil Engineer	1.00	1.00	103,708	103,708
1861	Senior Engineering Aide	19.00	23.00	58,033	1,334,759
1870	Senior Water Utility Supv	10.00	14.00	66,727	934,178
1872	Senior Planner	0.00	1.00	83,521	83,521
1879	Senior Clerk/Typist	1.00	1.00	50,725	50,725
1978	Utility Worker I	65.00	100.00	42,345	4,234,515
1991	Water Utility Supervisor	21.00	22.00	57,362	1,261,972
1992	Water Utility Worker	24.00	36.00	46,260	1,665,373

Metropolitan Wastewater

Salary Schedule (continued)

Wastewater Collection - Muni (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
2214	Deputy Director	1.00	1.00	130,886	130,886
2250	Assistant Deputy Director	1.00	1.00	118,889	118,889
	Bilingual - Regular	0.00	0.00		19,285
	Reg Pay For Engineers	0.00	0.00		20,319
	Field Training Pay	0.00	0.00		71,024
	Standby Pay	0.00	0.00		5,999
	Tech Cert Pay	0.00	0.00		26,769
	Temporary Help	0.00	0.00		68,755
	Overtime Budgeted	0.00	0.00		802,506
	Total	249.00	343.00		\$ 19,453,362

Enviro Monitoring & Tech Services - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1136	Assistant Chemist	11.00	11.00	74,255	816,805
1160	Assistant Laboratory Tech	2.00	2.00	48,359	96,718
1220	Associate Chemist	5.00	5.00	85,163	425,815
1375	Wastewtr Pretreatment Insp II	5.00	5.00	71,407	357,035
1376	Wastewtr Pretreatment Insp III	4.00	4.00	78,282	313,128
1378	Supv Wastewater Pretreat Insp	2.00	2.00	89,542	179,084
1465	Field Representative	2.00	2.00	45,941	91,882
1527	HazMat Inspector II	5.00	5.00	77,550	387,750
1528	Wastewater Pretreat Pgm Mgr	1.00	1.00	97,602	97,602
1535	Clerical Assistant II	1.00	1.00	41,622	41,622
1580	Laboratory Technician	9.00	9.00	56,579	509,211
1746	Word Processing Operator	2.00	2.00	42,955	85,910
1854	Senior Chemist	1.00	1.00	97,433	97,433
1879	Senior Clerk/Typist	1.00	1.00	50,725	50,725
1896	Supervising HazMat Inspector	1.00	1.00	88,549	88,549
	Overtime Budgeted	0.00	0.00		59,731
	Total	52.00	52.00		\$ 3,699,000

Metropolitan Wastewater

Salary Schedule (continued)

Operations and Maintenance - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1134	Sr Wastewater Plant Operator	6.00	0.00		0
1372	Pump Station Operator	5.00	5.00	59,084	295,420
1373	Pump Station Operations Supv	1.00	1.00	63,952	63,952
1523	Instrumentation & Control Tech	2.00	2.00	68,246	136,492
1652	Plant Technician I	3.00	1.00	54,312	54,312
1653	Plant Technician II	5.00	4.00	59,177	236,707
1654	Plant Technician III	2.00	0.00		0
1666	Plant Process Ctrl Electrician	2.00	2.00	69,810	139,620
1669	Plant Technician Supervisor	1.00	1.00	73,981	73,981
1888	Senior Wastewater Ops Supv	1.00	1.00	98,783	98,783
	Overtime Budgeted	0.00	0.00		95,314
	Total	28.00	17.00	\$	1,194,581

Administration - Muni

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	44,540	44,540
1106	Senior Management Analyst	4.40	4.40	82,622	363,537
1107	Administrative Aide II	2.60	2.30	57,973	133,337
1153	Assistant Engineer-Civil	4.80	5.40	77,336	417,617
1157	Assistant Engineer-Electrical	0.80	0.80	79,496	63,597
1167	Assistant Engineer-Mechanical	0.00	0.30	79,500	23,850
1218	Associate Management Analyst	5.25	5.25	73,971	388,347
1221	Associate Engineer-Civil	5.90	6.50	89,750	583,377
1223	Associate Engineer-Electrical	0.80	0.80	91,001	72,801
1225	Associate Engineer-Mechanical	0.30	0.30	91,007	27,302
1227	Associate Planner	0.30	0.30	71,220	21,366
1243	Information Systems Admin	0.30	0.30	99,963	29,989
1273	Building Maint Supervisor	0.30	0.30	84,237	25,271
1274	Building Supervisor	0.60	0.90	55,296	49,766
1275	Building Services Supervisor	0.30	0.30	63,800	19,140
1282	Procurement Specialist	0.30	0.30	63,860	19,158
1348	Information Systems Analyst II	1.90	1.90	73,120	138,928
1349	Info Systems Analyst III	0.30	0.30	81,147	24,344
1401	Information Systems Technician	2.10	2.10	57,165	120,047
1422	Drafting Aide	0.30	0.30	54,397	16,319
1423	Senior Drafting Aide	0.30	0.30	59,097	17,729
1527	HazMat Inspector II	0.30	0.30	77,560	23,268
1535	Clerical Assistant II	3.60	3.90	41,627	162,346
1614	Org Effectiveness Spec II	0.30	0.30	73,473	22,042
1648	Payroll Specialist II	0.30	0.30	49,123	14,737

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Muni (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1727	Principal Engineering Aide	1.30	1.30	67,974	88,366
1746	Word Processing Operator	2.90	2.90	42,960	124,583
1751	Project Officer I	0.30	0.30	89,173	26,752
1752	Project Officer II	0.60	0.60	103,383	62,030
1776	Public Information Clerk	2.00	2.00	44,744	89,488
1823	Safety Officer	1.20	1.20	78,312	93,974
1826	Safety Representative II	1.50	1.80	68,767	123,780
1830	Senior Mechanical Engineer	0.30	0.30	104,260	31,278
1844	Senior Account Clerk	0.30	0.30	50,490	15,147
1850	Senior Procurement Specialist	0.30	0.30	69,513	20,854
1855	Senior Civil Engineer	1.10	1.10	103,715	114,086
1863	Senior Electrical Engineer	0.00	0.30	104,260	31,278
1871	Sr Public Information Officer	0.60	0.60	71,577	42,946
1872	Senior Planner	0.30	0.30	83,530	25,059
1876	Executive Secretary	0.30	0.30	60,390	18,117
1879	Senior Clerk/Typist	0.90	1.20	50,737	60,884
1899	Stock Clerk	0.30	0.30	43,883	13,165
1910	Student Engineer	2.00	2.00	35,807	71,614
1915	Senior Power Plant Supervisor	0.30	0.30	85,013	25,504
1917	Supervising Management Analyst	0.78	0.78	90,606	70,673
1926	Information Systems Analyst IV	0.90	1.50	90,082	135,123
1940	Supv Public Info Officer	0.30	0.30	76,457	22,937
1972	Safety and Training Manager	0.30	0.30	89,643	26,893
1980	Principal Utility Supervisor	0.30	0.30	73,987	22,196
2214	Deputy Director	0.60	0.60	130,893	78,536
2250	Assistant Deputy Director	0.30	0.30	117,830	35,349
2267	MWWD Director	0.30	0.30	162,357	48,707
2270	Program Manager	0.90	0.90	111,652	100,487
2276	Asst MWWD Director	0.30	0.30	137,543	41,263
	Overtime Budgeted	0.00	0.00		2,935
	Total	58.83	62.13	\$	4,486,759

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Muni (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1153	Assistant Engineer-Civil	5.00	5.00	77,335	386,675
1218	Associate Management Analyst	1.00	0.00	73,969	-
1221	Associate Engineer-Civil	6.00	6.00	89,748	538,488
1227	Associate Planner	1.00	1.00	71,216	71,216
1535	Clerical Assistant II	1.00	1.00	41,622	41,622
1727	Principal Engineering Aide	1.00	1.00	67,973	67,973
1855	Senior Civil Engineer	1.00	1.00	103,708	103,708
Total		16.00	15.00	\$	1,209,682

MUNICIPAL SEWER FUND TOTAL **403.83** **489.13** **\$ 30,043,384**

METROPOLITAN SEWER FUND

Operations and Maintenance - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1104	Account Clerk	3.00	4.00	44,540	178,160
1107	Administrative Aide II	2.00	3.00	57,969	173,907
1134	Sr Wastewater Plant Operator	0.00	3.00	78,997	236,991
1218	Associate Management Analyst	2.00	2.00	73,969	147,938
1221	Associate Engineer-Civil	4.00	4.00	89,748	358,992
1223	Associate Engineer-Electrical	1.00	1.00	91,003	91,003
1236	Auto Messenger	1.00	0.00		0
1274	Building Supervisor	1.00	0.00		0
1275	Building Services Supervisor	1.00	1.00	63,797	63,797
1372	Pump Station Operator	10.00	11.00	59,084	649,924
1373	Pump Station Operations Supv	1.00	1.00	63,952	63,952
1389	Custodian II	1.00	1.00	39,108	39,108
1423	Senior Drafting Aide	1.00	1.00	59,093	59,093
1440	Equipment Operator II	1.00	1.00	59,009	59,009
1512	Heavy Truck Driver II	5.00	4.00	53,936	215,744
1522	Instrumentation & Control Supv	5.00	5.00	79,433	397,164
1523	Instrumentation & Control Tech	14.00	13.00	68,241	887,130
1535	Clerical Assistant II	8.00	7.00	41,623	291,360
1602	Machinist	2.00	2.00	65,726	131,452
1635	Painter	2.00	2.00	59,486	118,972
1648	Payroll Specialist II	3.00	3.00	49,106	147,318
1652	Plant Technician I	24.00	24.00	54,312	1,303,488
1653	Plant Technician II	22.00	19.00	59,175	1,124,325
1654	Plant Technician III	12.00	13.00	64,520	838,754
1666	Plant Process Ctrl Electrician	12.00	12.00	69,808	837,696
1668	Plant Process Control Supv	11.00	13.00	78,586	1,021,618

Metropolitan Wastewater

Salary Schedule (continued)

Operations and Maintenance - Metro (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1669	Plant Technician Supervisor	10.00	9.00	73,982	665,840
1670	Principal Plant Technician Sup	2.00	2.00	88,510	177,020
1671	Senior Plant Technician Superv	11.00	11.00	84,239	926,629
1717	Power Plant Operator	6.00	6.00	65,608	393,648
1718	Power Plant Supervisor	4.00	3.00	73,485	220,455
1727	Principal Engineering Aide	1.00	1.00	67,973	67,973
1746	Word Processing Operator	6.00	6.00	42,955	257,730
1855	Senior Civil Engineer	4.00	4.00	103,708	414,832
1863	Senior Electrical Engineer	1.00	0.00		0
1879	Senior Clerk/Typist	1.00	1.00	50,736	50,736
1883	Wastewater Treatment Superinte	5.00	4.00	106,438	425,752
1887	Wastewater Operations Supv	33.00	33.00	81,569	2,691,777
1888	Senior Wastewater Ops Supv	16.00	13.00	98,783	1,284,179
1890	Wastewater Plant Operator	50.00	49.00	71,329	3,495,121
1899	Stock Clerk	6.00	5.00	43,877	219,385
1901	Storekeeper III	1.00	1.00	57,538	57,538
1902	Storekeeper I	5.00	6.00	50,076	300,456
1915	Senior Power Plant Supervisor	1.00	1.00	85,006	85,006
1917	Supervising Management Analyst	1.00	1.00	90,603	90,603
1926	Information Systems Analyst IV	2.00	0.00		0
1985	Welder	2.00	2.00	60,086	120,172
2214	Deputy Director	1.00	1.00	130,886	130,886
2250	Assistant Deputy Director	1.00	1.00	118,889	118,889
	Reg Pay For Engineers	0.00	0.00		28,445
	Field Training Pay	0.00	0.00		55,145
	Temporary Help	0.00	0.00		61,175
	Overtime Budgeted	0.00	0.00		1,073,065
	Total	319.00	310.00		\$ 22,849,352

Enviro Monitoring and Tech Services - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	44,540	44,540
1107	Administrative Aide II	1.00	1.00	57,969	57,969
1136	Assistant Chemist	31.00	31.00	74,255	2,301,905
1160	Assistant Laboratory Tech	2.00	2.00	48,359	96,718
1218	Associate Management Analyst	1.00	1.00	73,969	73,969
1220	Associate Chemist	7.00	7.00	85,163	596,141
1221	Associate Engineer-Civil	1.00	1.00	89,748	89,748
1266	Boat Operator	1.00	1.00	62,015	62,015
1267	Senior Boat Operator	1.00	1.00	67,742	67,742
1348	Information Systems Analyst II	2.00	2.00	73,120	146,240

Metropolitan Wastewater

Salary Schedule (continued)

Enviro Monitoring and Tech Services - Metro (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1535	Clerical Assistant II	2.00	2.00	41,622	83,244
1580	Laboratory Technician	14.00	14.00	56,579	792,106
1610	Marine Biologist II	20.00	20.00	74,811	1,496,220
1611	Marine Biologist III	3.00	3.00	83,101	249,303
1622	Biologist III	1.00	1.00	84,594	84,594
1624	Biologist II	6.00	6.00	73,064	438,384
1648	Payroll Specialist II	1.00	1.00	49,106	49,106
1746	Word Processing Operator	1.00	1.00	42,955	42,955
1750	Project Assistant	1.00	1.00	78,286	78,286
1751	Project Officer I	1.00	1.00	89,170	89,170
1851	Senior Marine Biologist	1.00	1.00	93,490	93,490
1854	Senior Chemist	2.00	2.00	97,433	194,866
1872	Senior Planner	1.00	1.00	83,521	83,521
1879	Senior Clerk/Typist	2.00	2.00	50,725	101,450
2214	Deputy Director	1.00	1.00	130,886	130,886
2250	Assistant Deputy Director	1.00	1.00	118,889	118,889
	Ex Perf Pay-Classified	0.00	0.00		4,800
	Overtime Budgeted	0.00	0.00		199,678
Total		106.00	106.00	\$	7,867,935

Administration - Metro

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1104	Account Clerk	3.00	3.00	44,540	133,620
1106	Senior Management Analyst	6.60	6.60	82,621	545,297
1107	Administrative Aide II	5.40	4.70	57,970	272,457
1153	Assistant Engineer-Civil	7.20	8.60	77,336	665,089
1157	Assistant Engineer-Electrical	2.20	2.20	79,497	174,894
1167	Assistant Engineer-Mechanical	0.00	0.70	79,499	55,649
1218	Associate Management Analyst	7.75	7.75	73,970	573,266
1221	Associate Engineer-Civil	14.10	15.50	89,749	1,391,110
1223	Associate Engineer-Electrical	1.70	1.70	91,007	154,712
1225	Associate Engineer-Mechanical	0.70	0.70	91,007	63,705
1227	Associate Planner	0.70	0.70	71,216	49,851
1243	Information Systems Admin	0.70	0.70	99,959	69,971
1273	Building Maint Supervisor	0.70	0.70	84,227	58,959
1274	Building Supervisor	1.40	2.10	55,291	116,111
1275	Building Services Supervisor	0.70	0.70	63,800	44,660
1282	Procurement Specialist	0.70	0.70	63,850	44,695
1348	Information Systems Analyst II	2.10	2.10	73,120	153,553
1349	Info Systems Analyst III	0.70	0.70	81,141	56,799

Metropolitan Wastewater

Salary Schedule (continued)

Administration - Metro (continued)

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1401	Information Systems Technician	4.90	4.90	57,164	280,103
1422	Drafting Aide	0.70	0.70	54,396	38,077
1423	Senior Drafting Aide	0.70	0.70	59,094	41,366
1527	HazMat Inspector II	0.70	0.70	77,550	54,285
1535	Clerical Assistant II	7.40	8.10	41,623	337,149
1614	Org Effectiveness Spec II	0.70	0.70	73,470	51,429
1648	Payroll Specialist II	0.70	0.70	49,111	34,378
1727	Principal Engineering Aide	2.70	2.70	67,974	183,529
1746	Word Processing Operator	6.60	6.60	42,955	283,500
1751	Project Officer I	0.70	0.70	89,173	62,421
1752	Project Officer II	1.40	1.40	103,381	144,734
1776	Public Information Clerk	4.00	4.00	44,744	178,976
1823	Safety Officer	2.80	2.80	78,309	219,266
1826	Safety Representative II	3.50	4.20	68,765	288,811
1830	Senior Mechanical Engineer	0.70	0.70	104,254	72,978
1844	Senior Account Clerk	0.70	0.70	50,484	35,339
1850	Senior Procurement Specialist	0.70	0.70	69,509	48,656
1855	Senior Civil Engineer	3.40	3.40	103,709	352,612
1863	Senior Electrical Engineer	0.00	0.70	104,254	72,978
1871	Sr Public Information Officer	1.40	1.40	71,579	100,210
1872	Senior Planner	0.70	0.70	83,524	58,467
1876	Executive Secretary	1.06	1.06	60,381	64,004
1879	Senior Clerk/Typist	2.10	2.80	50,727	142,036
1899	Stock Clerk	0.70	0.70	43,877	30,714
1910	Student Engineer	3.50	3.50	35,807	125,326
1915	Senior Power Plant Supervisor	0.70	0.70	85,010	59,507
1917	Supervising Management Analyst	2.22	2.22	90,607	201,148
1926	Information Systems Analyst IV	2.10	3.50	90,082	315,288
1940	Supv Public Info Officer	0.70	0.70	76,453	53,517
1972	Safety and Training Manager	0.70	0.70	89,637	62,746
1980	Principal Utility Supervisor	0.70	0.70	73,983	51,788
2153	Deputy City Manager	0.36	0.36	208,928	75,214
2214	Deputy Director	1.40	1.40	127,578	178,609
2250	Assistant Deputy Director	0.70	0.70	118,893	83,225
2267	MWWD Director	0.70	0.70	162,347	113,643
2270	Program Manager	2.10	2.10	115,318	242,167
2276	Asst MWWD Director	0.70	0.70	137,540	96,278
	Reg Pay For Engineers	0.00	0.00		93,464
	Temporary Help	0.00	0.00		27,464
	Overtime Budgeted	0.00	0.00		116,853
	Total	121.89	129.59	\$	9,696,653

Metropolitan Wastewater

Salary Schedule (continued)

CIP/Metro New Construction

<i>Class</i>	<i>Position Title</i>	<i>FY 2002 Positions</i>	<i>FY 2003 Positions</i>	<i>Salary and Fringe</i>	<i>Total</i>
1153	Assistant Engineer-Civil	6.00	6.00	77,335	464,010
1221	Associate Engineer-Civil	9.00	9.00	89,748	807,732
1223	Associate Engineer-Electrical	0.50	0.50	91,012	45,506
1227	Associate Planner	1.00	1.00	71,216	71,216
1727	Principal Engineering Aide	1.00	1.00	67,973	67,973
1750	Project Assistant	1.00	1.00	78,286	78,286
1751	Project Officer I	1.00	1.00	89,170	89,170
1752	Project Officer II	0.50	0.50	103,390	51,695
1855	Senior Civil Engineer	2.50	2.50	103,710	259,276
1875	Structural Engineering Senior	1.00	1.00	99,189	99,189
1910	Student Engineer	0.50	0.50	35,814	17,907
	Reg Pay For Engineers	0.00	0.00		16,255
	Overtime Budgeted	0.00	0.00		68,445
	Total	24.00	24.00		\$ 2,136,660
METROPOLITAN SEWER FUND TOTAL		570.89	569.59		\$ 42,550,600
METROPOLITAN WASTEWATER TOTAL		974.72	1,058.72		\$ 72,593,984

Metropolitan Wastewater

Five-Year Expenditure Forecast

	FY 2003 PROPOSED	FY 2004 FORECAST	FY 2005 FORECAST	FY 2006 FORECAST	FY 2007 FORECAST
Positions	1,019.72	1,025.72	1,026.72	1,026.72	1,026.72
Personnel Expense	\$ 69,247,642	\$ 71,601,807	\$ 73,821,002	\$ 76,085,633	\$ 78,368,202
Non-Personnel Expense	241,066,444	247,442,019	255,645,635	263,545,622	270,116,644
TOTAL EXPENDITURES	\$ 310,314,086	\$ 319,043,826	\$ 329,466,637	\$ 339,631,255	\$ 348,484,846

Note: Excludes expenditures and positions associated with the Capital Improvements Program.

Fiscal Year 2004

Operations and Maintenance - Metro

Reduction in data processing and automated support.

Additional funding for chemicals and electricity associated with increased water reclamation.

Additional funding for contractual services to repair and maintain equipment.

Additional funding for chemicals and biosolids hauling costs due to population growth and increased biosolids output.

Additional funding for supplies and services, electricity, and chemicals for pumping and treatment of sewage at South Bay Water Reclamation Plant (SBWRP), associated with the increased flows related to the opening of the Otay River Pump Station in Fiscal Year 2003.

Environ Mon & Tech Services - Metro

Reduction in onetime expenditures related to the replacement of the "Metro" ocean monitoring vessel in Fiscal Year 2003.

Additional funding for support related to the City's agreement with the Southern California Coastal Water Research program.

Additional funding for support related to the Scripps "Discharge Effect" studies program.

Additional funding for outlay/contingency associated with equipment repairs and replacements in outlying laboratories.

Additional funding for general utilities costs associated with the new facilities at the Naval Training Center (NTC).

Addition of 1.00 Building Supervisor and related support, associated with the division's relocation to NTC.

Wastewater Collection

Reduction in onetime expenditures from Fiscal Year 2003.

Environ Mon & Tech Services - Muni

Additional funding for supplies and/or outlay that may be required of the division for coordinated laboratory costs in the City of Tijuana, Mexico, and elsewhere. It is expected that such expenditures will be fully reimbursable by the State.

Operations and Maintenance

Additional funding for data processing and automated support.

Additional funding for chemicals and electricity at all municipal pump stations, associated with increased wastewater flow due to population growth.

Administration - Muni (Information & Organizational Support)

Reduction of .30 Principal Utility Supervisor and related support.

Addition of .30 Safety Representative I and related support for International Standardization Organization certification.

Addition of .30 Information Systems Analyst III and related support for Enterprise Business Analysis and Cyber Security.

Five-Year Expenditure Forecast (continued)

Addition of 1.00 Assistant Electrical Engineer and 1.00 Senior Engineering Aide and related support associated with SCADA maintenance and the municipal collection system.

Administration - Muni (Engineering & Program Management)

Reduction in onetime contractual services expenditures.

Additional funding for data processing and automated support.

Administration - Muni (Services & Contracts)

Additional funding for data processing and automated support.

Additional funding related to increased debt service requirements.

Administration - Metro (Information & Organizational Support)

Reduction of .70 Principal Utility Supervisor and related support.

Additional funding for detailed security system audit.

Addition of .70 Safety Representative I and related support for International Standardization Organization certification.

Addition of .70 Information Systems Analyst III and related support for Enterprise Business Analysis and Cyber Security.

Administration - Metro (Engineering & Program Management)

Reduction in onetime contractual services expenditures.

Additional funding for data processing and automated support.

Administration - Metro (Services & Contracts)

Reduction in equipment outlay related to purchase of three flow meters in Fiscal Year 2003.

Additional funding for data processing and automated support.

Additional funding for purchase of five flow meters and associated maintenance.

Additional funding related to increased debt service requirements.

Fiscal Year 2005

Operations and Maintenance - Metro

Reduction in data processing and automated support.

Additional funding for chemicals and electricity associated with increased water reclamation.

Additional funding for contractual services to repair and maintain equipment.

Additional funding for electricity at Pump Station 1, Pump Station 2, and the South Bay Water Reclamation Plant (SBWRP); for chemicals at Metro Biosolids Center (MBC) and SBWRP; and biosolids hauling at MBC associated with increased flows due to regional growth.

Environ Mon & Tech Services - Metro

Reduction in rent for the Driscoll's wharf facilities, associated with the division's relocation to NTC.

Reduction in onetime expenditures related to the division's relocation to NTC.

Additional funding for support related to the City's agreement with the Southern California Coastal Water Research program.

Wastewater Collection

No major projected requirements.

Environ Mon & Tech Services - Muni

No major projected requirements.

Operations and Maintenance - Muni

Additional funding for data processing and automated support.

Additional funding for chemicals and electricity at all municipal pump stations, associated with increased wastewater flow due to population growth.

Metropolitan Wastewater

Five-Year Expenditure Forecast (continued)

Administration - Muni (Information & Organizational Support)

Additional funding for data processing and automated support.

Additional funding for five year waiver application.

Addition of .30 Information Systems Analyst III and related support for Enterprise Business Analysis and Cyber Security.

Administration - Muni (Engineering & Program Management)

Additional funding for data processing and automated support.

Administration - Muni (Services & Contracts)

Additional funding for data processing and automated support.

Additional funding related to increased debt service requirements.

Administration - Metro (Information & Organizational Support)

Additional funding for data processing and automated support.

Additional funding for five year waiver application.

Addition of .70 Information Systems Analyst III and related support for Enterprise Business Analysis and Cyber Security.

Administration-Metro (Engineering & Program Management)

Additional funding for data processing and automated support.

Administration-Metro (Services & Contracts)

Additional funding for data processing and automated support.

Additional funding related to increased debt service requirements.

Additional funding for five flow meters, less equipment outlay from Fiscal Year 2004.

Fiscal Year 2006

Operations and Maintenance - Metro

Additional funding for data processing and automated support.

Additional funding for chemicals and electricity associated with increased water reclamation.

Environ Mon & Tech Services - Metro

Additional funding for the renewal of the City's wastewater process treatment waiver.

Additional funding for anticipated overtime for additional sampling, laboratory, and administrative duties.

Wastewater Collection

No major projected requirements.

Environ Mon & Tech Services - Muni

No major projected requirements.

Operations and Maintenance - Muni

Additional funding for data processing related to the implementation of the department's Strategic Master Plan.

Additional funding for chemicals and electricity at all municipal pump stations, associated with increased wastewater flow due to population growth.

Administration - Muni (Information & Organizational Support)

Reduction of support for five year waiver application.

Reduction in one-time expenditures for data processing.

Administration - Muni (Engineering & Program Management)

Reduction in funding for data processing and automated support.

Administration - Muni (Services & Contracts)

Reduction in funding related to increased debt service requirements.

Reduction in funding for data processing and automated support.

Five-Year Expenditure Forecast (continued)

Administration - Metro (Information & Organizational Support)

Reduction of support for five year waiver application.

Increase in funding for data processing and automated support.

Administration - Metro (Engineering & Program Management)

Reduction in funding for data processing and automated support.

Administration - Metro (Services & Contracts)

Reduction in funding related to decreased debt service requirements.

Reduction in funding for data processing and automated support.

Additional funding for five flow meters, less equipment outlay from Fiscal Year 2004.

Fiscal Year 2007

Operations and Maintenance Metro

Reduction in data processing and automated support.

Additional funding for chemicals and electricity associated with increased water reclamation.

Environ Mon & Tech Services - Metro

No major projected requirements.

Wastewater Collection

No major projected requirements.

Environ Mon & Tech Services - Muni

No major projected requirements.

Operations and Maintenance - Muni

Additional funding for data processing related to the implementation of the department's Strategic Master Plan, less onetime expenditures.

Additional funding for chemicals and electricity at all municipal pump stations, associated with increased wastewater flow due to population growth.

Administration - Muni (Information & Organizational Support)

Reduction of support for five year waiver application.

Reduction in onetime expenditures for data processing.

Administration-Muni - (Engineering & Program Management)

Additional funding for data processing and automated support.

Administration-Muni - (Services & Contracts)

Additional funding related to increased debt service requirements.

Administration - Metro (Information & Organizational Support)

Reduction of support for five year waiver application.

Reduction in onetime expenditures for data processing.

Administration - Metro (Engineering & Program Management)

Additional funding for data processing and automated support.

Administration - Metro (Services & Contracts)

Reduction in funding related to decreased debt service requirements.

Additional funding for five flow meters, less equipment outlay from Fiscal Year 2004.

Metropolitan Wastewater

Revenue and Expense Statement

	FY 2001 ACTUAL ⁽¹⁾	FY 2002 ESTIMATED	FY 2003 PROPOSED
BEGINNING BALANCES AND RESERVES			
Balance from Prior Year	\$ 79,315,673	\$ 99,458,164	\$ 110,528,538
Prior Year Continuing Appropriations	136,071,469	176,676,001	80,155,112
Prior Year Encumbrances Canceled	6,558,401	-	-
Balance from 45 Day Operating Reserve	18,271,458	19,819,496	22,180,965
TOTAL BALANCE	\$ 240,217,001	\$ 295,953,661	\$ 212,864,615
REVENUES			
CAPITAL IMPROVEMENTS PROGRAM			
Bond Proceeds	\$ 141,557,841	\$ -	\$ 213,110,000
Interest on the Bond Fund	-	-	-
Contributions in Aid	12,355,247	1,629,601	3,341,587
Grants Receipts	4,941,210	4,642,400	3,780,679
Capacity Charges	17,183,826	16,771,962	15,000,000
State Revolving Fund Proceeds	43,177,528	13,020,212	14,863,326
Change in Anticipated Contributions	(5,409,297)	-	-
TOTAL CAPITAL IMPROVEMENTS PROGRAM	\$ 213,806,355	\$ 36,064,175	\$ 250,095,592
OPERATING REVENUES			
New Sewer Connections	\$ 227,865	\$ 191,316	\$ 110,000
Sewer Service Charges	173,627,211	175,954,928	178,324,583
Interest Earnings	23,913,301	22,909,949	14,500,000
Sewage Treatment Plant Services	31,127,055	66,377,838	62,738,426
Services Rendered to Others	5,837,388	7,854,346	1,601,785
Other Revenue	2,162,894	3,625,619	275,389
Electrical Cogeneration	1,693,865	806,300	818,279
TOTAL OPERATING REVENUE	\$ 238,589,579	\$ 277,720,296	\$ 258,368,462
TOTAL CIP AND OPERATING REVENUE	\$ 452,395,934	\$ 313,784,471	\$ 508,464,054
TOTAL BALANCES AND REVENUES	\$ 692,612,935	\$ 609,738,132	\$ 721,328,669

⁽¹⁾ Fiscal Year 2001 Actuals based on Department Annual Financial Report.

Metropolitan Wastewater

Revenue and Expense Statement

	FY 2001 ACTUAL ⁽¹⁾	FY 2002 ESTIMATED	FY 2003 PROPOSED
EXPENSES			
CAPITAL IMPROVEMENTS PROGRAM			
CIP Expenditures	\$ 141,180,477	\$ 146,100,000	\$ 165,987,167
Phase Funded CIP Projects	-	-	-
CIP Expenditures of Prior Year Appropriations	-	-	75,155,112
TOTAL CIP EXPENSES	\$ 141,180,477	\$ 146,100,000	\$ 241,142,279
OPERATING EXPENSE			
Department Expenditures & Encumbrances	\$ 179,335,071	\$ 167,680,943	\$ 199,531,214
Accrued Annual Leave and Sick Leave	280,810	-	-
Unallocated Reserve	-	2,494,574	4,295,536
Assurance Program	-	4,000,000	4,000,000
Debt Service	75,862,916	76,598,000	77,045,936
TOTAL OPERATING EXPENSES	\$ 255,478,797	\$ 250,773,517	\$ 284,872,686
TOTAL CIP AND OPERATING EXPENSES	\$ 396,659,274	\$ 396,873,517	\$ 526,014,965
RESERVES			
Emergency Bond Reserve	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
45 Day Operating/Contingency Reserves	19,819,496	22,180,965	25,441,400
CIP Reserve for Cont. Appropriations and Encumbrances	171,676,001	75,155,112	-
TOTAL RESERVES	\$ 196,495,497	\$ 102,336,077	\$ 30,441,400
BALANCE	\$ 99,458,164	\$ 110,528,538	\$ 164,872,304
TOTAL EXPENSE, RESERVE AND BALANCE	\$ 692,612,935	\$ 609,738,132	\$ 721,328,669

⁽¹⁾ FY 2001 Actuals based on Department Annual Financial Report.

